



I certify that this correspondence is being deposited with the U.S. Postal Service as first class mail in an envelope addressed to: Mail Stop, Box Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date indicated below.

Christine Kierzek
Christine Kierzek

Date: 7-14-04

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors: John M. Wirth et al.

Serial No.: 10/789,652

Filed: February 27, 2004

For: *Modular Control System For An AC Motor*

Group Art Unit: 2838

RESPONSE TO NOTICE TO FILE CORRECTED APPLICATION PAPERS

MAIL STOP - BOX MISSING PARTS
COMMISSIONER FOR PATENTS
P.O. BOX 1450
ALEXANDRIA, VA 22313-1450

Sir:

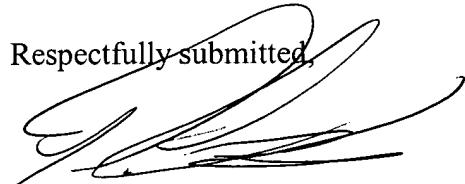
In response to the Notice to File Missing Parts of Application, Filing Date Granted, mailed May 21, 2004 in the above-captioned application, applicant submits the following:

- 1) Submission of Missing Parts of Application;
- 2) Copy of Notice To File Missing Parts of Application;
- 3) Executed Declaration and Power of Attorney (2 pages);
- 4) Assignment (2 pages) and Recordation Cover Sheet;
- 5) Submission of Formal Drawings submitting three (3) sheets of formal drawings Figs. 1-3;
- 6) Fee Transmittal Form and Check for \$170.00 (\$130.00 for Missing Requirements, and \$40.00 for Recordation Fee); and
- 7) Return postcard.

U.S. Serial No.: 10/789,652
Inventors: John M. Wirth et al.
Page 2

The Director is hereby authorized to charge payment of any extension or additional fees associated with this or any other communication or credit any overpayment to Deposit Account No. 50-1170.

Respectfully submitted,



Peter C. Stomma
Registration No.36,020

Dated: 7/14/04

BOYLE, FREDRICKSON, NEWHOLM,
STEIN & GRATZ, S.C.
250 Plaza, Suite 1030
250 East Wisconsin Avenue
Milwaukee, WI 53202
Telephone: (414) 225-9755
Facsimile: (414) 225-9753
Docket No.: 309.035



Please type a plus sign (+) inside this box

→ +

PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paper Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>		Application Number	10/789,652
		Filing Date	February 27, 2004
		First Named Inventor	John M. Wirth et al.
		Group Art Unit	2838
		Examiner Name	Not Yet Assigned
Total Number of Pages in This Submission		Attorney Docket Number	309.035

ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input checked="" type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input checked="" type="checkbox"/> Assignment Papers <i>(for an Application)</i> <input checked="" type="checkbox"/> Drawing(s) 3 Sheets <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group <i>(Appeal Notice, Brief, Reply Brief)</i> <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) <i>(please identify below):</i> Return Postcard Declaration and Power of Attorney
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Peter C. Stomma, Reg. No. 36,020 Boyle, Fredrickson, Newholm, Stein & Gratz, S.C. 250 East Wisconsin Avenue, Suite 1030 Milwaukee, WI 53202
Signature	
Date	7/14/04

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop - Box Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date:

7-14-04

Type or printed name	Christine Kierzek
Signature	
Date	7-14-04

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



FEE TRANSMITTAL for FY 2004

Patent fees are subject to annual revision.

 Applicant Claims small entity status See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$170.00)

Complete if Known

Application Number	10/789,652
Filing Date	02/27/2004
First Named Inventor	John M. Wirtz et al.
Examiner Name	Not Yet Assigned
Group Art Unit	2838
Attorney Docket No.	309.035

METHOD OF PAYMENT (check all that apply)

 Check Credit card Money Order Other None
 Applicant Claims small entity status See 37 CFR 1.27
 Deposit Account

Deposit Account Number	50-1170
Deposit Account Name	Boyle, Fredrickson, Newholm, Stein & Gratz S.C.

The Commissioner is authorized to: (check all that apply)

 Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) during the pendency of this application
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
101 770	201 385	Utility filing fee	
106 340	206 170	Design filing fee	
107 530	207 265	Plant filing fee	
108 770	208 385	Reissue filing fee	
114 160	214 80	Provisional filing fee	

SUBTOTAL (1) (\$)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Independent Claims	Extra Claims	Fee from below	Fee Paid
		-20** =	X	=
		-3*** =	X	=

Multiple Dependent

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description
103 18	203 9	Claims in excess of 20
102 86	202 43	Independent claims in excess of 3
104 290	204 145	Multiple dependent claim, if not paid
109 86	209 43	**Reissue independent claims over original patent
110 18	210 9	**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)

** or number previously paid, if greater; For Reissues, see above

3. ADDITIONAL FEES

Large Entity Small Entity

Fee	Fee	Fee	Fee	Fee Paid
105 130	205 65	Surcharge – late filing fee or oath		130
127 50	227 25	Surcharge – late provisional filing fee or cover sheet		
139 130	139 130	Non-English specification		
147 2,520	147 2,520	For filing a request for ex parte reexamination		
112 920*	112 920*	Requesting publication of SIR prior to Examiner action		
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action		
115 110	215 55	Extension for reply within first month		
116 400	216 200	Extension for reply within second month		
117 920	217 460	Extension for reply within third month		
118 1,440	218 720	Extension for reply within fourth month		
128 1,960	228 980	Extension for reply within fifth month		
119 320	219 160	Notice of Appeal		
120 320	220 160	Filing a brief in support of an appeal		
121 280	221 140	Request for oral hearing		
138 1,510	138 1,510	Petition to institute a public use proceeding		
140 110	240 55	Petition to revive – unavoidable		
141 1,280	241 640	Petition to revive – unintentional		
142 1,280	242 640	Utility issue fee (or reissue)		
143 460	243 230	Design issue fee		
144 620	244 310	Plant issue fee		
122 130	122 130	Petitions to the Commissioner		
123 50	123 50	Processing fee under 37 CFR 1.17(q)		
126 180	126 180	Submission of Information Disclosure Stmt		40
581 40	581 40	Recording each patent assignment per property (times number of properties)		
146 740	246 370	Filing a submission after final rejection (37 CFR § 1.129(a))		
149 740	249 370	For each additional invention to be examined (37 CFR § 1.129(b))		
179 740	279 370	Request for Continued Examination (RCE)		
169 900	169 900	Request for expedited examination of a design application		

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$170)

Complete if applicable

SUBMITTED BY	Name (Print/Type)	Peter C. Stomma	Registration No. (Attorney/Agent)	36,020	Telephone	414.225.9755
Signature					Date	7/14/04

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

PATENT



I hereby certify that this correspondence is being deposited with the U.S. Postal Service as first class mail in an envelope addressed to: Mail Stop, Box Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date indicated below.

Christine Kierzek Date: 7-14-04
Christine Kierzek

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors: John M. Wirth et al.

Serial No.: 10/789,652

Filed: February 27, 2004

For: *Modular Control System For An AC Motor*

Group Art Unit: 2838

SUBMISSION OF CORRECTED PAPERS

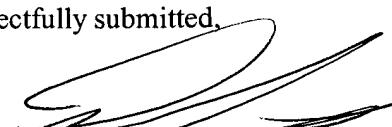
Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Responsive to the "Notification To File Corrected Application Papers", mailed May 21, 2004, copy attached, enclosed for filing in the above application are replacement drawings consisting of three (3) sheets containing Figures 1-3 in compliance with 37 CFR 1.84(e) and 37 CFR 1.121.

Respectfully submitted,

By


Peter C. Stomma, Registration No. 36,020

Boyle Fredrickson Newholm Stein & Gratz S.C.
250 East Wisconsin Avenue, Suite 1030
Milwaukee, WI 53202
Phone: 414.225.9755
Fax: 414.225.9753
Attorney Docket No. 309.035

JFW

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/789,652	02/27/2004	John M. Wirtz	309.035

PETER C. STOMMA
 BOYLE, FREDRICKSON, NEWHOLM,
 STEIN & GRATZ, S.C.
 250 East Wisconsin Avenue, Suite 1030
 Milwaukee, WI 53202



CONFIRMATION NO. 9155
FORMALITIES LETTER



OC000000012737437

Date Mailed: 05/21/2004

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION**FILED UNDER 37 CFR 1.53(b)***Filing Date Granted***Items Required To Avoid Abandonment:**

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is missing.
A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Replacement drawings in compliance with 37 CFR 1.84 and 37 CFR 1.121 are required. The drawings submitted are not acceptable because:
 - The drawings must be reasonably free from erasures and must be free from alterations, overwriting, interlineations, folds, and copy marks. See Figure(s) all.
 - The drawings must be made on paper that has a white background (see 37 CFR 1.84 (e)). For example, drawings on graph paper, lined paper, or paper that has a non-white background are not acceptable. See Figure(s) 3.

SUMMARY OF FEES DUE:

Total additional fee(s) required for this application is **\$130** for a Large Entity

07/20/2004 L00NDIM1 00000014 1079652
 130.00 OP
 01 FC:1051

- \$130 Late oath or declaration Surcharge.

Replies should be mailed to: Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

*A copy of this notice **MUST** be returned with the reply.*

REBANTOS
Customer Service Center
Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE